

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

NORTH MISSISSIPPI UTILITY COMPANY Public Water Supply Name

LAKE OF THE HILLS(0170029) BRIGHTS(0170002) EUDORA(0170006) CHICKASAW BLUFF(0170028) List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Plea	se Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other
	Date customers were informed:/_/
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
_/	Date Mailed/Distributed: / /
X	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: DESOTO TIMES-TRIBUNE
	Date Published: 6 / 7 / 2011
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
	CCR was posted on a publicly accessible internet site at the address: www
<u>CERT</u>	IFICATION
I hereby the form consisted Departr	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is nent of Health Bureau of Public Water Supply.
Name/	Title (President, Mayor, Owner, etc.)
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

Phone: 601-576-7518

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700

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2010 Drinking Water Quality Report North Mississippi Utility Company

Brights (0170002) Eudora (0170006) Chickasaw Bluffs (0170028) Lake of the Hills (0170029)

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lesson the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water comes from three wells from the Sparta Sand Aquifer for Brights, two wells from Sparta Sand Aquifer and one well from Lower Wilcox Aquifer for Eudora, two wells from the Sparta Sand Aquifer for Chickasaw Bluffs and two wells from the Sparta Sand Aquifer for Lake of the Hills

Source water assessment and its availability

Currently, our source water assessment is being prepared by the Mississippi State Department of Health. When it is completed you will be notified and copies of this assessment will be made available upon request.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that

may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

We want our valued customers to be informed about their water utility. If you would like a copy of the Consumer Confidence Report for your area, please come by our office at 1481 Byhalia Rd. Our office hours are 8 AM to Noon and 1 Pm to 4:30 PM Menday through Friday.

Other Information

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2010 - December 2010. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

Additional Information for Lead

if present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. North Mississippi Utility Company is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Water Quality Data Table - Brights (017002)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

	MCLG	MCL,						
	or	TT, or	Your	Ra	nge	Sample		
Contaminants	<u>MRDLG</u>	MRDI,	Water	Low	<u>Migh</u>	<u>Date</u>	<u>Violation</u>	Typical Soprce
Disinfectants & Di	sinfection By	Product	5	estant en				And Helica Telegraphy
(There is convincing	eviden ce t ha	t addition	of a disinf	ectant is	necessa	ry for con	trol of micr	obial contaminants.)
Chlorine (as Ci2) (ppm)	4	4	1.53	1.12	1.93	2010	No	Water additive used to control microbes
Inorganic Contami	nants							
Antimony (ppb)	6	6	0.0005	NA		2010	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenie (ppb)	0	10	0.0005	NA		2010	No	Frosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.018821	NΛ		2010	No	Discharge of driffing wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.0001	NA		2010	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	r,	0.0001	ΝΛ		2010	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	0.0003	NA		2010	No	Discharge from steel and pulp mills; Erosion of natural deposits
Cyanide [as Free Cu] (ppb)	200	200	0.005	NA		2010	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Fluoride (ppm)	4	4	1.5	NA		2010	No	Erosion of natural deposits; Water

							additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Mercury [Inorganic] (ppb)	2	2	0,0002	NA	2010	No	Frosion of natural deposits; Discharge from refinerics and factories; Runoff from landfills; Runoff from cropland
Nitrate measured as Nitrogen] (ppm)	10	10	0.35	NA	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	į	1	0.02	NA	2010	No	Runoff from fertifizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Selenium (ppb)	50	50	0.0005	NΛ	2010	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	0.5	2	0.0005	NA	2010	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories

			Your	Sample	# Samples	Exceeds	
<u>Contominants</u> Inorganic Contaminants	MCLG	AL.	<u>Water</u>		Exceeding At.	<i>3000.</i> 235	Typical Source
Copper - action level at consumer taps (ppm)	1.3	1.3	1.3	2007	Û	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.002	2007	O	No	Corrosion of household plumbing systems; Frosion of natural deposits

Water Quality Data Table - Eudora (0170006)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar

C AZZT EL V

year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the NORTH MS UTILITY EUDORA is required to report certain results portaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride samples were within the optimal range of 0.7-1.3 ppm was 9. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 75%.

	MCLG.	MCL						
<u>Contaminants</u>	MRDLG	MRDI			nge <u>High</u>	Sample <u>Date</u> 1	<u>Violatio</u>	2 Typical Source
Disinfectants & Dis	infection By	Produc	ts		<u>.</u>			
				fectant is	neces	sary for ou	itrol of mi	aobial contammants.)
Chlorine (as Cl2) (ppm)	4	4.	1.33	1,25	1.4	2010	No.	Water additive used to control microbes
Haloacetic Acids , (HAA5) (ppb)	NΑ	60	. 6	NA		2010	No	By-product of drinking water chlorination
TTHMs [Total Tribalomethanes] (ppb)	NA	80	1.67	NA		2010	No	By-product of drinking water disinfection
Inorganic Contamin	ants		S.A.	Osto Periodo de Nova Salabara		545 542 K 542 C	Water State	
Antimony (pph)	6	6	0.0005	A.O				
		37	0.00(2)	NA		2010	No	Discharge from petroleum refineries; fire retardants; ceramies; electronies; solder; test addition.
Ausenie (ppb)	0	10	0.000246	NA		2010	No	lirosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.0072	NA		2010	No	Discharge of drilling wastes; Discharge from metal refinerics; Erosion of natural deposits
Beryllium (ppb)	4	4	1000.0	NΛ		2010	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical,
Cadmium (ppb)	5	5	0.0001	NA		2010	No (acrospace, and defense industries Corrosion of galvanized pipes; Trosion of natural deposits;

							Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	0.0005	NA	2010	No	Discharge from steel and pulp mills; Brosion of natural deposits
Cyanide [as Free Cn] (ppb)	200	200	0,005	NA	2010	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Fluoride (ppm)	4	4	1.31	NA	2010	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Mercury (Inorganic) (ppb)	2	2	0,0002	ΝΛ	2010	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Nitrate (measured as Nitrogen (ppm)	10	10	0.08	NA	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	<u>I</u>	0.02	NA	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Selenium (ppb)	50	50	0.0005	NA	2010	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	0.5	2	0,0005	NA	2010	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories

			Your	Sample	# Samples	Exceeds	
Contaminants Inorganic Contaminants	MCLG	<u>.A.</u> (2.657)	<u>Water</u> Ledes Lede	<u>Date</u>	Exceeding AL	AL:	<u>Typical Source</u>
Copper - action level at consumer taps (ppm)	1,3	1,3	0	2008	10	No	Corrosion of household plumbing systems; Frosion of natural deposits
Lead - action level at consumer taps (ppb)	0	. 15	0.001	2008	()	No	Corrosion of household plumbing systems; Erosion of natural deposits

Water Quality Data Table - Chickasaw Bluffs (0170028)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

	MCLG	MCL.						
	or	TT, or	Your	Ra	nge	Sample		
<u>Contaminants</u>	<u>MRDLG</u>	MRDL	<u>Water</u>	Low	High	Date	<u>Violation</u>	Typical Source
Disinfectants & Disinf	iction By-)	eroducts						
(There is convincing ev	idence that	addition	of a disin	fectant i	s necess	ary for cou	trol of micr	obial contaminants.)
Haloacetic Acids (HAA5) (ppb)	NA	60	6	NA	rational definition of the definition of	2010	No	By-product of drinking water chlorination
TTHMs [Total Tribalomethanes] (ppb)	NA	80	1.67	NA		2010	No	By-product of drinking water disinfection
Chorine as (C12) (ppm	4	4	1.35	1.30	1.37	2010	No	Water additives added to control microbes
			Your	Sampl	c #	Samples	Exceeds	
Contaminants	<u>MCLG</u>	<u>al</u> Merez	<u>Water</u>	<u>Date</u>	<u>Exc</u>	eeding AL	<u>AL</u>	Typical Source
norganic Contamban	l e				10 (10 (2) 15 (5)			
Copper - action level at consumer taps (ppm)	1.3	1,3	0.1	2008		10	No ,	Corrosion of household plumbing systems; Erosion of natural deposits
ead - action level at Dusumer taps (ppb)	0	15	0.006	2008		0	No	Corrosion of household plumbing systems; Frosion of natural deposits

Chemical, Bateriological and CCR Violation

Monitoring period 9/01/2010-09/30/2010 Contaminant Coliform-Public Notice Completed

Water Quality Data Table - Lake of the Hills (0170029)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

	MCLG	MCL,					
	or	77', or	Your	Range	Sample		
Contaminants	MRDLG	MRDL	<u>Water</u>	Low High	Date	<u>Violativa</u>	Typical Source
Disinfectants & Disin	fection Hy-	Products					
(There is convincing e	ridence that	addition :	of a disin	fectant is necess	ary for co	atrol of mic	Fobial contachinants
							seem contratmismis
Haloacetic Acids (IIAA5) (ppb)	NA	60	6	NA	2010	No	By-product of drinking water chlorination
TTHMs [Total Tribulomethanes] (ppb)	NA	80	1.67	NA	2010	No	By-product of drinking water disinfection
Chlorine (asC12)	4 4	1.	36 1.3	32 1.41	2010	No	Water additives used to control
(ppm)							microbes
			Your				
<u>Contandnants</u>	MCI,G	<u> </u>			Sumples	Exceeds	
			<u>Water</u>	Date Exce	eeding AI.	Δi.	Typical Source
Inorganic Contaminan	g		en and				
Copper - action level at consumer taps (ppm)	1,3	1.3	0	2008	10	No	Corrosion of household plumbing systems; Erosion of natural

Lead - action level at

consumer taps (ppb)

15

0.001

2008

deposits

deposits

Corresion of household plumbing

systems; Erosion of natural

No

Unit Descriptions	
ICINI	Definition
ppn	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
NI)	ND: Not defected
NR	NR: Monitoring not required, but recommended.

Term	Definition
MCL()	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MC),	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique; A required process intended to reduce the level of a contaminant in drinking water.
AL	Al.: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNK	MNR: Monitored Not Regulated
MPL.	MPL: State Assigned Maximum Permissible Level

******This CCR will not be mailed to each individual customer. You may at anytime come by our office to receive a copy

for more			

Bill J Roberson

P O Box 362

Hernando, MS 38632

662-429-9509

662-429-6202

published in the town or memarical, station in said county, and that the publication of the notice, a copy of whith has been made in said paper _____ consecutive times, as follows, to

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PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI COUNTY OF DESOTO

published in the town of Hernando, State and County aforesaid, and having a general circulation in said county, and that the publication of the notice, a copy of which is hereto attached, State and states on oath that she is the CLERK of the DeSoto Times-Tribune, a newspaper Diane Smith personally appeared before me the undersigned in and for said County and _ consecutive times, as follows, to-wit: has been made in said paper

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NOTARY PUBLIC

(116) 6.48 427.6

2010 Drinking Water Quality Report North Mississippi Utility Company

Brights (0170002) Eudora (0170006) Chickasaw Bluffs (0170028) Lake of the Hills (0170029)

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water comes from three wells from the Sparta Sand Aquifer for Brights, two wells from Sparta Sand Aquifer and one well from Lower Wilcox Aquifer for Eudora, two wells from the Sparta Sand Aquifer for Chickasaw Bluffs and two wells from the Sparta Sand Aquifer for Lake of the Hills

Source water assessment and its availability

Currently, our source water assessment is being prepared by the Mississippi State Department of Health. When it is completed you will be notified and copies of this assessment will be made available upon request.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that

may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

We want our valued customers to be informed about their water utility. If you would like a copy of the Consumer Confidence Report for your area, please come by our office at 1481 Byhalia Rd. Our office hours are 8 AM to Noon and 1 Pm to 4:30 PM Monday through Friday.

Other Information

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2010 - December 2010. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. North Mississippi Utility Company is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Water Quality Data Table - Brights (0170002)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

	MCLG	MCL,						
	or Model C	TT, or	Your		nge	Sample		
Contaminants	MRDLG	MRDL	Water	Low	<u>High</u>	<u>Date</u>	<u>Violation</u>	Typical Source
Inorganic Contam	inants				40001330120			
Antimony (ppb)	6	6	0.0005	NA	-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	2010	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	0.0005	NA		2010	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.018821	NA		2010	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.0001	NA		2010	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	0.0001	NA		2010	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	0.0003	NA		2010	No	Discharge from steel and pulp mills; Erosion of natural deposits
Cyanide [as Free Cn] (ppb)	200	200	0.005	NA		2010	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Fluoride (ppm)	4	4	1.5	NA		2010		Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Mercury [Inorganic] (ppb)	2	2	0.0002	NA	2010	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Nitrate [measured as Nitrogen] (ppm)	10	10	0.35	NA	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.02	NA	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Selenium (ppb)	50	50	0.0005	NA	2010	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	0.5	2	0.0005	NA	2010	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
			Your	Sample	# Samples	Exceeds	
<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	Water	<u>Date</u>	Exceeding AL	<u>AL</u>	Typical Source
Inorganic Contaminant	te.		**************************************				
Copper - action level at consumer taps (ppm)	1.3	1.3	1.3	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.002	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Water Quality Data Table - Eudora (0170006)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the NORTH MS UTILITY_EUDORA is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride samples were within the optimal range of 0.7-1.3ppm was 9. The percentage of fluoride samples collected in the previous calendar year

that was within the optimal range of 0.7-1.3 ppm was 75%.

	MCLG	MCL,						
	or	TT, or	Your	Ra	nge	Sample		
<u>Contaminants</u>	MRDLG	MRDL	Water	Low	<u>High</u>	<u>Date</u>	<u>Violation</u>	Typical Source
Disinfectants & Dis	sinfection By	-Product:	S					19 19 19 19 19 19 19 19 19 19 19 19 19 1
				ectant is	necessa	arv for cor	ntrol of micr	obial contaminants.)
Haloacetic Acids (HAA5) (ppb)	NA	60	6	NA		2010	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	1.67	NA		2010	No	By-product of drinking water disinfection
Inorganic Contami	nants							
Antimony (ppb)	6	6	0.0005	NA	the significant of the significant	2010	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	0.000246	NA		2010	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.0072	NA		2010	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.0001	NA		2010	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	0.0001	NA		2010	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	0.0005	NA		20010	No	Discharge from steel and pulp mills; Erosion of natural deposits
Cyanide [as Free Cn] (ppb)	200	200	0.005	NA		2010	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Fluoride (ppm)	4	4	1.31	NA		2010	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

(ppb)							Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Nitrate [measured as Nitrogen] (ppm)	10	10	0.08	NA	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.02	NA	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Selenium (ppb)	50	50	0.0005	NA	20010	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	0.5	2	0.0005	NA	2010	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
			Your	Sample	# Samples	Exceeds	
<u>Contaminants</u>	MCLG	<u>AL</u>	Water	<u>Date</u>	Exceeding AL	<u>AL</u>	Typical Source
Inorganic Contaminan	ts				<u>.</u>	S-1 (3.1)	
Copper - action level at consumer taps (ppm)	1.3	1.3	0	2007	10	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.001	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Mercury [Inorganic]

2

2

0.0002

NA

2010

No

Erosion of natural deposits;

Water Quality Data Table - Chickasaw Bluffs (0170028)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

	MCLG or	MCL, TT, or	Your	Ra	nge Sampl	e	
<u>Contaminants</u>	MRDLG	MRDL	<u>Water</u>	<u>Low</u>	High Date	<u>Violation</u>	Typical Source
Disinfectants & Disin	fection By-	Products		e de la companya de	alezan, en		
(There is convincing e	vidence that	addition o	of a disin	fectant is	necessary for	control of micr	robial contaminants.)
Haloacetic Acids (HAA5) (ppb)	NA	60	6	NA	2010	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	1.67	NA	2010	No	By-product of drinking water disinfection
			Your	Sampl	e # Sample	es Exceed	S
<u>Contaminants</u>	MCLO	<u>AL</u>	<u>Water</u>	<u>Date</u>	Exceeding	AL AL	<u>Typical Source</u>
Inorganic Contamina	nts						e Commission
Copper - action level at consumer taps (ppm)	1.3	1.3	0.1	2007	10	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.006	2007	0	No	Corrosion of household plumbing systems; Erosion of natural

- Chemical, Bacteriological and CCR Violation
- Monitoring period 09/01/2010-09/30/2010 Contaminant- Coliform Public notice completed

Water Quality Data Table – Lake of the Hills (0170029)

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

MCLG or	MCL, TT, or Your	Range	Sample	
Contaminants MRDLG	MRDL Water	<u>Low</u> <u>High</u>	<u>Date</u> <u>Violation</u>	Typical Source
	a wastania	And the second		

Disinfectants & Disinfection By-Products

(There is convincing	evidence that	t addition o					icrobial contaminants.)
Haloacetic Acids	NA	60	6	NA	2010	No	By-product of drinking water

(HAA5) (ppb)

TTHMs [Total NA 80 1.67 NA 2010 No By-product of drinking water Trihalomethanes]

By-product of drinking water disinfection

(ppb)

			Your	Sample	# Samples	Exceeds	
Contaminants	MCLG	<u>AL</u>	Water	<u>Date</u>	Exceeding AL	<u>AL</u>	Typical Source
Inorganic Contaminants							대한 문화를 가장한다는 것이 되었다. 생물들은 사람들은 사람들이 되었다.
Copper - action level at consumer taps (ppm)	1.3	1.3	0	2007	10	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.001	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
<u>Term</u>	<u>Definition</u>
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (μg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions							
<u>Term</u>	<u>Definition</u>						
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.						
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.						
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.						
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.						
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.						
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not						

	reflect the benefits of the use of disinfectants to control microbial contaminants.	
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.	
MNR	MNR: Monitored Not Regulated	
MPL	MPL: State Assigned Maximum Permissible Level	

*****This CCR will not be mailed to each individual customer. You may at anytime come by our office to receive a copy

For more information please contact:

Bill J Roberson

P O Box 362

Hernando, MS 38632

662-429-9509

662-429-6202

2010 CCR Contact Information

Date:	230p	
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Lead/Copper Language	Chlorine Residual (MRDL) RA	A
Fluoride	GWR	Format
Other		
Violation(S)		
Will correct report & mail copy marked "Correct Will notify customers of availability of correct Spoke to Rhand	• •	ill subnit 911/1
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